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169.12-0554

Application No.:
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First Named Inventor:
Erozan M. Kurtas

APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

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Erozan M. Kurtas

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Group Art:
2631— 213 3

U.S. PATENT DOCUMENTS

Examiner Initials		Document No. Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Documents		
810	AA	6,112,326	09/29/2000	Khayrallah		
	AB					
	AC					
	AD					

FOREIGN PATENT DOCUMENTS

		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Translation Yes No
Sho	AE	EP 1 137 002 A1	09/26/2001	Miyauchi, Toshiyuki	
	AF				
	AG				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

SHD.	АН	William E. Ryan, Concatenated Codes for Class IV Partial Response, IEEE Transactions On Communications, Vol. 49., No. 3, March 2001, pp. 445-454.			
SHI	AI	Joachim Hagenauer, Iterative Decoding of Binary Block and Convolutional Codes, IEEE Transactions On Information Theory, Vol. 42, No. 2, March 1996, pp. 429-445.			
SHD	AJ	D. Divsalar and F. Pollara, Multiple Turbo Codes for Deep-Space Communications, TDA Progress Report 42-121, May 15, 1995, pp. 66-77			
SWS	AK	Tom V. Souvignier, Turbo Decoding for Partial Response Channels, IEEE Transactions On Communications, Vol. 48, No. 8, August 2000, pp. 1297-1307.			
		a_{1}			

EXAMINER: DATE CONSIDERED: 9/14/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; drawline through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	Atty. Docket No.: Application No.: 169.12-0554		
LIST OF PATENTS AND PUBLICATIONS FOR	First Named Inventor: Erozan M. Kurtas et al.		
APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Filing Date: Herewith	Group Art: 2133	

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
SWS	AA	5,812,601	09/22/98	Schramm	375	262	11/15/96
	AB						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

SKS	AC	"Reduced Complexity In-Phase/Quadrature-Phase Turbo Equalisation Using Iterative Channel Estimation", B.L. Yeap et al., 0-7803-7097-1/01 IEEE, 2001.			
SWS	AD	"A Soft-Input Soft-Output Maximum A Posteriori (MAP) Module to Decode Parallel and Serial Concatenated Codes", S. Benedetto, et al., <i>TDA Progress Report 42-127</i> , November 15, 1996.			
SM	AE	"Convergence Properties of Iterative Decoders Working at BIT and Symbol Level", B. Scanavino, et al. Politecnico of Torino, Torino, Italy.			
SHS	AF	"VLSI Architectures for Turbo Codes", Guido Masera, et al., IEEE TRANSACTIONS ON VERY LARGE SCALE INTEGRATION (VLSI) SYSTEMS, Vol. 7, No. 3, September 1999.			
SHS	AG	"SCTCM with Inner Rate-1 Accumulate Code" (printed slide presentation), Hugo M. Tullberg and Paul H. Siegel, Signal Transmission and Recording Group, UCLA, January 30, 2002.			
5110	АН	"Serial Concatenated Trellis Coded Modulation with Inner Rate-1 Accumulate Code", Hugo M. Tullgerg and Paul H. Siegel. 0-7803-7208-5/01 IEEE, 2001.			
310	AI	"On Joint Iterative Decoding of Variable-length Source Codes and Channel Codes", Ahmadreza Hedayat and Aria Nosratinia, Multimedia Communications Laboratory, Richardson, TX.			
Shs	AJ	"Trellis Turbo-Codes in Flat Rayleigh Fading with Diversity", Christos Komninakis and Richard D. Wesel, 0-7803-7206-9/01 IEEE, 2001.			
SHO	AK	"A Low Latency SISO with Application to Broadband Turbo Decoding", Peter A. Beerel and Keith M. Chugg, IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, Vol. 19, No. 5, May 2001.			
Shis	AL	"Further Results on a Reduced-Complexity, Highly Power-/Bandwidth-Efficient Coded Feher-Patented Quadrature-Phase-Shift-Keying System with Iterative Decoding", M.K. Simon and D. Divsalar, <i>IPN Progress Report 42-146</i> , August 15, 2001.			
Shri	AM	"A Soft-Input Soft-Output APP Module for Iterative Decoding of Concatenated Codes", S. Benedetto, et al., IEEE COMMUNICATIONS LETTERS, Vol. 1, No. 1, January 1997.			
		5 1.71			

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; drawline through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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